

MONTHLY NOTICES

OF THE

ROYAL ASTRONOMICAL SOCIETY.

VOL. LIX.

JANUARY 13, 1899.

No. 3

SIR R. S. BALL, M.A., LL.D., F.R.S., PRESIDENT, in the Chair.

Charles Lewis Brook, M.A., F.R.Met.Soc., Harewood Lodge, Meltham, Huddersfield ;

Arthur Hands, L.R.C.P., M.R.C.S., Inkerman House, Wednesday Road, Wolverhampton ;

Samuel Henry Harrison, F.R.G.S., Frederick Road, Edgbaston, Birmingham ;

Arthur Robert Hinks, M.A., Observatory, Cambridge ; and Worcester R. Warner, Cleveland, Ohio, U.S.A.,

were balloted for and duly elected Fellows of the Society.

The following candidate was proposed for election as a Fellow of the Society :—

Colonel Thomas Davies Sewell, Clerk to the Spectacle Makers' Company, 29 Grosvenor Road, S.W. (proposed by Sir R. S. Ball).

Seventy-two presents were announced as having been received since the last meeting, including, amongst others :—

O. Backlund, *Bewegung kleiner Planeten des Hecuba-Typus* ;
O. Backlund, *Calculs et recherches sur la comète d'Encke* ;
A. H. Fison, *Recent advances in Astronomy* ; presented by the

L

Authors ; Kasan Observatory, Catalogue de 4281 étoiles entre $+74^{\circ}40'$ et $+80^{\circ}20'$, presented by the Observatory ; L. Weinek, Photographisches Mond-Atlas, Heft 4, presented by Professor Weinek ; Photographs showing trails of minor planets, &c. (copies on glass), presented by Professor Max Wolf.

The Total Solar Eclipse of 1898 January 22. Final Reports on the Results obtained.

The preliminary reports of the observers sent out by the Joint Permanent Eclipse Committee have been published simultaneously in the *Proceedings of the Royal Society* and in the *Monthly Notices*. The final reports, containing the discussion of results, will appear as a volume of the *Philosophical Transactions*, which will be distributed to Fellows of this Society as well as to Fellows of the Royal Society.

It was suggested to the Joint Permanent Eclipse Committee by the Council of the Royal Astronomical Society that possibly some observers, other than those sent out directly by the Committee, might desire to submit their final reports for publication in this volume. The suggestion was favourably received by the Committee, who have signified to the Council of the Royal Astronomical Society their willingness to "receive and consider any papers on the late eclipse not previously published."

The Council of the Royal Astronomical Society have accordingly directed the secretaries to make generally known this decision of the Joint Permanent Eclipse Committee by inserting this paragraph in the *Monthly Notices*.

H. F. Newall, }
H. H. Turner, } *Secretaries.*

Communication concerning the publication of an Annual Astronomical Report. By Walter F. Wislicenus, Ph.D., Professor at the University, Strassburg.

I intend to publish an *Astronomischer Jahresbericht mit Unterstützung der Astronomischen Gesellschaft* (Astronomical Yearly Report, aided by the Astronomische Gesellschaft). It will give short reports of all the works on astronomy, astrophysics and geodesy, both practical and theoretical, which have appeared during the year. The first volume will appear in 1900, and will contain reports of all the publications of 1899. Not wishing to overlook anything, I should be much obliged if all authors